

**IN THE CLAIMS:**

1. (Currently Amended) A self-retaining implant for attaching a bone cover or a bone fragment to a skull, the implant comprising:

a support element having an upper side and a lower side ~~, the lower side for facing a surface of the bone cover or the bone fragment; and~~

an extension ~~including an end remote from the support element, the extension extending substantially at a right angle from the lower side of the support element to an end remote from the support element and substantially straight between the support element and the end; and~~ ~~, wherein the extension supports therefrom~~

at least one spike ~~with the spike~~ extending substantially parallel to the support element ~~toward the bone cover or bone fragment such that the spike and~~ can be driven laterally into the bone cover or bone fragment prior to positioning the bone cover or bone fragment adjacent to the skull,

wherein the support element comprises two support arms extending in opposite directions from the extension with ~~[[,]]~~ the first of the two support arms defining a screw hole therein for receiving a fastener to secure the first support arm to the skull after the spike has been driven laterally into the bone cover or bone fragment and after positioning the bone cover or bone fragment adjacent to the skull ~~cooperating with the skull~~ and the second of the two support arms for cooperating with the bone cover or bone fragment when driving the spike laterally into the bone cover or bone fragment.

2-4. (Canceled)

5. (Previously Presented) The implant according to Claim 1, wherein the lower side of the support element is concave or spherically curved at least in sections.

6. (Currently Amended) The implant according to Claim 1, wherein the spike is disposed at the end of the extension remote from the support element and extends from the end of the extension remote from the support element.

7-9. (Canceled)

10. (Currently Amended) The implant according to Claim 1 ~~[[9]]~~, wherein the support element has a thickness increasing in the direction of the screw hole.

11. (Currently Amended) The implant according to Claim 1 ~~[[9]]~~, wherein an inside of the screw hole is spherically curved.

12-28. (Canceled)

29. (Previously Presented) The implant according to Claim 1, wherein the spike extends from the extension in a same direction as the second support arm and cooperates with the second support arm and the bone cover or bone fragment to anchor the implant.

30. (Previously Presented) The implant according to Claim 1, wherein the spike has a substantially triangular form.

31. (Previously Presented) The implant according to Claim 30, wherein the second support arm extends in a same direction as the substantially triangular spike and cooperates with the substantially triangular spike and the bone cover or bone fragment to anchor the implant.

32-37. (Canceled)

38. (Previously Presented) The implant according to Claim 1, wherein the extension is inelastic such that the extension extends rigidly from the lower side of the support element.

39. (Previously Presented) The implant according to Claim 29, wherein the second support arm has a length and the spike extends from the extension more than one half the length of the second support arm to anchor the implant.

40. (Currently Amended) The implant according to Claim 1 [[9]], wherein the second support arm has a length and the spike extends from the extension more than one half the length of the second support arm to anchor the implant.

41. (Previously Presented) The implant according to Claim 40, wherein the upper side of the support element is continuous across the second support arm such that the second support arm is free of any screw hole.

42-43. (Canceled)

44. (New) A method of attaching a bone cover or a bone fragment to a skull with a self-retaining implant comprising a support element having a lower side, an extension extending substantially at a right angle from the lower side of the support element to an end remote from the support element and substantially straight between the support element and the end, and at least one spike extending substantially parallel to the support element, wherein the support element includes two support arms extending in opposite directions from the extension with the first of the two support arms defining a screw hole therein for receiving a fastener and the second of the two support arms for cooperating with the bone cover or bone fragment, said method comprising the steps of:

driving the spike laterally into the bone cover or bone fragment;

positioning the bone cover or bone fragment adjacent to the skull after driving the spike laterally into the bone cover or bone fragment; and

securing the first support arm to the skull after positioning the bone cover or bone fragment adjacent to the skull.